United States Patent [19]

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[54]	PROM GA BASIC SA	FOR REMOVING CARBON CONTAINING ACIDIC GASES SEOUS MIXTURES USING A LT ACTIVATED WITH A DAMINE	2,176,441 3,637,345 3,793,434 3,856,921 4,096,085	10/1939 1/1972 2/1974 12/1974 6/1978	Leder							
[75]	Inventors:	Guido Sartori, Linden, N.J.; Frederic Leder, Corona Del Mar, Calif.	619193	4/1961	Canada	DCUMENTS 423/228 n 423/228						
[73]	Assignee:	Exxon Research & Engineering Co., Florham Park, N.J.	1306853	2/1973	United Kingdon United Kingdon ER PUBLICA	n 423/228						
[21]	Appl. No.:	910,861	CL-1 "C									
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	Rela	ited U.S. Application Data	Dankwerts and Sharma, "The Chemical Engineer"									
[60] [51]	4,112,050, 590,427, Ju	F Ser. No. 862,196, Dec. 19, 1977, Pat. No. and a continuation-in-part of Ser. No. in. 26, 1975, abandoned	Oct. 1966, pp. 244-280. Primary Examiner—Benjamin R. Padgett Assistant Examiner—J. L. Barr Attorney, Agent, or Firm—Albert P. Halluin									
[52]	U.S. Cl 252/19		[57]		ABSTRACT							
[58]	Field of Se	arch	from a nor	mally gr ting the	seous mixture to normally gase	c gases are removed by a process compris- cous mixture with an						
[56]		References Cited	aqueous so	lution c	omprising (a) a	basic alkali metal salt						
	U.S.	PATENT DOCUMENTS	or hydroxi	de and	(b) an activator r hydroxide co	for said basic salt or mprising at least one						
2,1	783,901 12/1 139,122 12/1	938 Hass et al 260/584 R	sterically l									
	139,123 12/1 139,124 12/1			12 Cl:	aims, 4 Drawing	Figures						

11-14 20154

TITLE: JP52005679A2: GASUNAGAREKARA NISANKATANSOO JOKYOSURUTAMENOHOHOOYOBI SOSEIBUTSUMETI **ELIMINATING CARBON DIOXIDE FROM GAS STREAM**

Country:JP Japan Kind:A2 (See also: JP01007812B4)

Inventor: DAIDO SARUTORI; FUREDERITSUKU REDAA;

Assignee: ESSO RES * ENG CO
News, Profiles, Stocks and More about this company

Published / Filed:1977-01-17 / 1976-06-25

ApplicationJP1976000074596 Number:

IPC Code: Advanced: <u>B01D 53/14</u>; <u>B01D 53/40</u>; <u>B01D 53/62</u>; <u>B01D 53/77</u>;

IPC-7: **B01D 53/16**; B01D 53/34

ECLA Code; None

Priority Number:1975-06-26 **US1975000590427**

INPADOCNone Legal Status:

Family:

Publication

Pub. Date

Filed

Title

Buy Now: Family Legal Status Report

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	1982-08-11 1976-06-25 PROCESO MEJORADO PARA LA REMOCION DE BIOXIDO DE CARBONO DE CORRIENTE	1983-12-31 1983-12-31 A LIQUID COMPOSITION USEFUL IN REMOVING AN ACIDIC GAS FROM A GASEOUS MIX	1983-12-31 1983-12-31 PROCESS AND COMPOSITIONS FOR THE REMOVING OF CARBON DIOXIDE FROM GAS	1983-12-31 1983-12-31 A LIQUID COMPOSITION USEFUL IN REMOVING AN ACIDIC GAS FROM A GASEOUS MIX	1993-02-16 1976-06-25 WERKWIJZE VOOR HET VERWIJDEREN VAN CO 2 UIT EEN GASMENGSEL.	1993-07-16 1976-06-25 WERKWIJZE VOOR HET VERWIJDEREN VAN CO 2 UIT EEN GASMENGSEL.	1976-12-28 1976-06-25 WERKWIJZE TER VERWIJDERING VAN CO2 UIT GAS- MENGSELS.	1979-06-27 1976-06-23 PROCESS AND COMPOSITIONS FOR THE REMOVING OF CARBON DIOXIDE FROM GAS	1978-09-05 1977-12-19 Process for removing carbon dioxide containing acidic gases from gaseous mixtures using a be	1978-09-05 1977-12-19 Process and amine-solvent absorbent for removing acidic gases from gaseous mixtures	1978-09-05 1977-12-19 Process for removing carbon dioxide containing acidic gases from gaseous mixtures using aqui	1980-08-12 1978-05-30 Process for removing carbon dioxide containing acidic gases from gaseous mixtures using a ba

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